

CLAIMS

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1. A portable integrated electronic device for community learning, data transmission, entertainment and public governance comprising:

(a). a housing;

(b). said housing accommodating a plurality of sub-assemblies;

10 (c). said sub-assemblies including:

(i). a projecting device for projecting video and digital data into a predetermined ultra large size image over a surface external to the housing;

15 (ii) a recording device for recording, reproducing and storing audio, video and/or digital data onto and/or from an external disk and an internal storage unit coupled to said projecting device;

(iii). a computational circuit for receiving and processing data input through an input device coupled to said recording device and to said projecting device and to said projecting device and adapted to be connected to a network; and

20 (iv). a television tuner card coupled to said recording device and to said projecting device and adapted to receive a plurality of television signal data and wherein:

said sub-assemblies are in preconnected relationship with each other whereby the device is extremely compact, portable and easy to use.

2. The device according to claim 1 wherein the housing further comprises an audio amplifier circuit operable in conjunction with the sub-assemblies.

5 3. The device according to claim 1 or 2 wherein the sub-assemblies are operable by a single ON-OFF switch.

10 4. The device according to claims 1 to 3 wherein the housing comprises a front panel and a rear panel and/or the sub-assemblies are operated by an ON-OFF switch located at the front panel of the housing.

15 5. The device according to anyone of claims 1 to 4 wherein the recording device for recording, reproducing and storing audio, video and/or digital from an external disk is an audio CD player, a VCD player, a DVD Player, an MP3 player, a CD-R/CD-RW or a combination apparatus thereof.

6. The device according to anyone of claims 1 to 5 combined with an ultra large size display combined with an ultra large size display and wherein the size of ultra large size display is preferably in the range of about 21 inches to about 300 inches diagonal measure.

20 7. The device according to anyone of claims 1 to 6 wherein the housing comprises a plurality of ports at the rear panel for connecting the device to a network, input for receiving television signals through cable or antenna.

8. The device according to anyone of claims 1 to 7 wherein a common power supply supplies power to the sub assemblies; and/or a remote control is used to control the operations of the sub assemblies.

9. The device according to anyone of claims 1 to 8 wherein the sub-
5 assemblies (ii), (iii) and (iv) are configured as a first module and the sub-assembly (i) is configured as a second module.

10. The device according to claim 9 wherein:

the first module is a data module; and/or

the second module is a projection module; and/or

10 the first module is located adjoining above or besides the second module; and/or.

the first module and the second module are arranged in a back-to-back adjoining configuration.

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